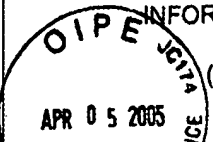


FORM PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. P23707	Application No. 10/646,800
 <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)</p>		Applicant Hiroshi NOMURA	
		Filing Date August 25, 2003	Group 2851

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>cr</i>		4 7 9 1 4 4 1	12/13/88	NISHI et al.			
<i>cr</i>		4 4 5 1 1 2 9	05/29/84	IKARI et al.			
<i>cr</i>		3 3 7 7 4 2 7	04/09/68	FISCHER			
<i>cr</i>		5 7 1 5 4 8 2	02/03/98	WAKABAYASHI et al.			
<i>cr</i>		4 5 9 7 6 5 7	07/01/86	WAKABAYASHI			
<i>cr</i>		4 8 4 1 3 2 3	06/20/89	MINORU et al.			
<i>cr</i>	2004	0 0 4 2 0 9 2	03/04/04	NOMURA			
<i>cr</i>	2004	0 1 4 1 7 3 5	07/22/04	NOMURA			
<i>cr</i>	2004	0 0 6 2 5 3 6	04/01/04	NOMURA			
<i>cr</i>	2004	0 0 4 2 7 7 6	03/04/04	NOMURA			
<i>cr</i>		6 1 8 5 3 7 5	02/06/01	KAZUO			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
<i>cr</i>	8	- 3 1 3 7 9 0	11/29/96	JAPAN			
<i>cr</i>	6	- 2 3 0 2 6 3	08/19/94	JAPAN			
<i>cr</i>	10	- 2 5 4 0 5 4	09/25/98	JAPAN			
<i>cr</i>	2003	- 1 4 9 7 2 3	04/18/03	JAPAN			
<i>cr</i>	2000	- 0 2 3 0 0 2	01/21/00	JAPAN			
<i>cr</i>	6	- 3 0 8 5 9 2	11/04/94	JAPAN			
<i>cr</i>	7	- 1 9 9 0 1 9	08/04/95	JAPAN			
<i>cr</i>	5	- 3 1 3 2 2 6	11/26/93	JAPAN			
<i>cr</i>	7	- 2 9 5 0 5 0	11/10/95	JAPAN			
<i>cr</i>		0 9 - 5 8 4 9	01/10/97	JAPAN			
<i>cr</i>	61	- 1 3 3 9 3 3	06/21/86	JAPAN			
<i>cr</i>	2003	- 1 1 4 4 7 3	04/18/03	JAPAN			
<i>cr</i>	2004	- 2 5 7 5 5 5	09/16/04	JAPAN			
<i>cr</i>		2 3 9 4 7 8 7	05/05/04	GERMANY			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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2	1	English Language translation of JP 2000-023002.
2	2	English Language translation of JP 6-308592.
3	3	English Language translation of JP 7-199019.
4	4	English Language translation of JP 5-313226
5	5	English Language translation of JP 7-295050.
6	6	English Language translation of JP 9-005849.
7	7	English Language translation of JP 2003-114473.

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